

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/500165.app.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/19 14:54
S14	1	(US-20050084759-\$).did.	DERWENT	ADJ	ON	2007/11/19 15:52
S26	14714	(Li or lithium) ion near3 battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/19 16:17
S27	843	S26 and carbon (anode or negative)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/19 16:19
S28	680	S27 and layer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/19 16:20
S29	278	S28 and (Si or silicon) and (Sn or tin)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/19 16:23
S32	109	S29 and @ad<="20011228"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/19 16:37
S33	22	("4346152" "4849309" "4764437" "4935316" "5654114" "5908716" "4324846" "4446212" "6007945" "6132904" "6136472" "4436796" "5561005" "5576121" "5626985" "5720932" "5783334" "5783322" "6153333" "6156459").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/20 12:27
S34	0	"893206".app.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/20 12:38
S35	7	"893206"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/20 12:39
S36	28	"232579"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/11/20 12:39
S42	1	JP-2001283833-\$.did.	DERWENT	ADJ	ON	2007/11/21 08:02
S44	1	JP-2001288705-\$.did.	DERWENT	ADJ	ON	2007/11/21 08:03
S45	1	JP-2002015729-\$.did.	DERWENT	ADJ	ON	2007/11/21 08:05

S47	1	JP-11288705-\$.did.	DERWENT	ADJ	ON	2007/11/21 08:06
S48	1	JP-07235330-\$.did.	DERWENT	ADJ	ON	2007/11/21 08:15
S52	1	10/500165.app.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/26 10:28
S55	1	S52 and "3a"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/26 10:29
S56	1	S52 and "1a"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/11/26 10:30
S60	2	"2001283833"	US-PGPUB; USPAT; JPO	OR	OFF	2007/11/26 13:21
S62	251	lithium near2 silicon with (negative electrode or anode) and lithium near5 battery	US-PGPUB; USPAT; JPO	OR	OFF	2007/11/26 13:34
S63	224	S62 and "429".das.	US-PGPUB; USPAT; JPO	OR	OFF	2007/11/26 13:35
S64	90	S63 and @ad<="20011228"	US-PGPUB; USPAT; JPO	OR	OFF	2007/11/26 13:35
S65	4	san-cheng.in.	US-PGPUB; USPAT; JPO	OR	OFF	2007/11/26 13:37
S66	6	S64 and irreversible capacity	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/26 13:39
S67	0	lithium near "3" present	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:38
S68	1788	amount near3 lithium and "429".das.	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:38
S69	1210	S68 and lithium ion	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:41
S70	792	S69 and secondary battery	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:41
S71	781	S70 and capacity	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:41
S72	693	S71 and capacity with lithium	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:42
S73	174	S72 and absorb\$5 with lithium	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:42
S74	125	S73 and (silicon or si)	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:43
S75	119	S74 and carbon	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 07:43
S76	34	adding near3 lithium near4 quantity	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 08:30
S77	24	S76 and @ad<="20011228"	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/11/27 08:31

S78	5379	"111" and "429".clas.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 08:31
S79	3	S77 and "429".clas.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 08:31
S81	1	"6383686".pn. and discharg\$	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 11:25
S82	46	irreversible capacity with suppres\$	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 11:30
S83	15	S82 and @ad<="20011228"	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 11:31
S87	200	+/- ratio	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 12:40
S88	0	S87 and lithium ion	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 12:40
S89	2	S87 and "429".clas.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 12:41
S92	0	"adding lithium in a quantity"	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:32
S93	909	adding lithium	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:33
S94	33	S93 and lithium near4 quantity	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:33
S95	11	S94 and formula	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:33
S96	5	S95 and @ad<="20011228"	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:33
S97	69	lithium near3 quantity with formula	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:38
S98	41	S97 and "429".clas.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:38
S101	38	S98 and formula.dlm.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 15:39
S102	44	excess lithium ions	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 16:46
S103	32	S102 and "429".clas.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/27 16:46
S105	3	cathode receives excess lithium ions	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:42
S106	7	cathode with (excess lithium ions)	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:42
S107	210	lithium ion and cathode with dendri\$	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:43
S108	165	S107 and "429".clas.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:43
S109	105	S108 and @ad<="20011228"	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:43
S110	12	S109 and excess with lithium	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:46

S111	1	"6383686".pn.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 07:54
S113	8022	(miyachi.in. or iriyama.in. or yamazaki.in. or yamamoto.in. or utsugi.in. or miura.in. or mori.in. or bannai.in.) and NEC.as.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 08:20
S114	686	(miyachi.in. or iriyama.in. or yamazaki.in. or yamamoto.in. or utsugi.in. or miura.in. or mori.in. or bannai.in.) and "NEC corporation".as.	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 08:21
S115	28	S114 and lithium ion	US-PGRUB; USPAT; JPO	ADJ	OFF	2007/11/28 08:21
S116	19	negative electrode with (remain\$ or existing or sub\$ist\$) lithium	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/11/29 16:12
S117	9	S116 and @ad<="20011228"	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/11/29 16:13
S118	30	discharge with (remain\$ or existing or sub\$ist\$) lithium and electrode	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/11/29 16:28
S144	16959	lithium ion with battery	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/12/03 09:10
S145	315	(anode or negative electrode) with (pulverization or flaking or contracting)	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/12/03 09:11
S146	95	S144 and S145	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/12/03 09:11
S147	34	S146 and @ad<="20011228"	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/12/03 09:11
S150	50	("5496656" "5571637" "5192629" "5462820" "5478674" "5695887" "5705291" "4874680" "5286582" "5395711" "5556721" "5612155" "5677083" "6090505" "4761351" "5244757" "5272022" "5312611" "5316876" "5464706" "5487417" "5547782" "5620812" "5631105" "5645958" "5681673" "5707756" "5753387" "5759714" "5770018" "5770333" "5965295" "6114065" "6136473" "6156457" "6187472"	US-PGRUB; USPAT; EPO; JPO	OR	ON	2007/12/03 15:47

		"6255021" "6265111" "6342319" "6350544" "6352794" "6413486" "6475680" "6492063" "6503657" "6537702" "6579649" "6641957" "6706447" "6761998" ).pn.				
S151	48	S150 and discharge	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/12/03 15:48
S152	42	S150 and (discharge or discharging) with (Li or lithium)	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/12/03 16:26
S153	50	("5496656" "5571637" "5192629" "5462820" "5478674" "5695887" "5705291" "4874680" "5286582" "5395711" "5556721" "5612155" "5677083" "6090505" "4761351" "5244757" "5272022" "5312611" "5316876" "5464706" "5487417" "5547782" "5620812" "5631105" "5645958" "5681673" "5707756" "5753387" "5759714" "5770018" "5770333" "5965295" "6114065" "6136473" "6156457" "6187472" "6255021" "6265111" "6342319" "6350544" "6352794" "6413486" "6475680" "6492063" "6503657" "6537702" "6579649" "6641957" "6706447" "6761998" ).pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/04 07:38
S154	42	S153 and (((discharge or discharging) with (Li or lithium)) or ((residual or remaining) with (lithium or Li)))	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/12/04 07:38
S155	41	S154 and @ad<="20011228"	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/12/04 07:39
S156	2	S153 and ((residual or remaining) with (lithium or Li))	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/12/04 07:44
S157	7	S153 and ((resid\$4 or remain \$5) with (lithium or Li))	US-PGPUB; USPAT; JPO	ADJ	OFF	2007/12/04 07:49
S158	12	overlithiated and "429".das.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2007/12/05 11:44

S159	3	11-288705	US-PGRUB; USPAT; EPO; JPO	ADJ	ON	2007/12/05 13:09
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2/ 25/ 2008 12:56:46 PM

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